

Declaration of Performance

No. 0551-CPR-2013-030

Unique identification code of the product-type: Arma-Chek Silver

Intended use/es: Thermal insulation of building equipment and industrial installations (ThiBELL)

Manufacturer: Armacell Poland Sp. Zo.o.
Ul. Targowa 2
55-300 Środa Śląska

System/s of AVCP: 1 and 3

Harmonised standard: EN 14304:2009+A1:2013

Notified body/ies: NB 0919, NB 0751, NB 0432

Declared performance/s:

Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	tubes sheets	d _N = 13 -19 mm d _N = 13 - 25 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,036 \text{ W}/(\text{m}^{\circ}\text{K}),$ $\lambda(\vartheta_m) = (36 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2) / 1000$
	tubes sheets	d _N = 25 -40 mm d _N = 32 -50 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,038 \text{ W}/(\text{m}^{\circ}\text{K}),$ $\lambda(\vartheta_m) = (38 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2) / 1000$
Reaction to fire	tubes sheets	d _N = 13 - 40 mm d _N = 13 - 50 mm	E
Durability of thermal resistance against ageing/degradation	Dimensional stability ¹⁾ Minimum service temperature ST(-)50 (= -50 °C)		
Durability of thermal resistance against high temperature	Maximum service temperature ST(+)110 (=110 °C)		
Durability of reaction to fire against ageing/degradation	Durability characteristics ²⁾		
Durability of reaction to fire against high temperature	Durability characteristics ²⁾		
Water permeability	NPD		
Water vapour permeability / Water vapour diffusion resistance	tubes sheets	d _N = 13 - 40 mm d _N = 13 - 50 mm	Mu 15000 (μ ≥ 15000)
Rate of release of corrosive substances	NPD		
Acoustic absorption index	NPD		
Release of dangerous substances to indoor environment	NPD ³⁾		
¹⁾ The thermal conductivity of flexible elastomeric foam does not change with time. ²⁾ The fire performance of flexible elastomeric foam products does not change with time.			

³⁾ European test methods are under development.

⁴⁾ No Performance Determined (NPD)

This declaration of performance is made available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Malte Witt, General Manager EU South
at Sroda Slaska on 01.01.2015



[signature]